



west virginia department of environmental protection

Division of Air Quality
601 57th Street SE
Charleston, WV 25304
Phone: (304) 926-0475 • FAX: (304) 926-0479

Jim Justice, Governor
Austin Caperton, Cabinet Secretary
www.dep.wv.gov

May 24, 2017

Michael Neely, P.E.
PO Box 606
Kingwood, WV 26537

RE: Mountaineer Contractors, Inc.
Portable Crush/Screen Facility
Permit Application No. G40-C089
Plant ID No. 777-00145

Dear Mr. Neely:

Your application for a permit as required by Section 5 of 45CSR13 - "Permits for Construction, Modification, Relocation and Operation of Stationary Sources of Air Pollutants, Notification Requirements, Temporary Permit, General Permit, and Procedures for Evaluation" has been approved. The enclosed permit G40-C089 is hereby issued pursuant to Subsection 5.7 of 45CSR13. Please be aware of the notification requirements in the permit which pertain to commencement of construction, modification, or relocation activities; startup of operations; and suspension of operations.

This permit does not affect 45CSR30 applicability, the source is a nonmajor source subject to 45CSR30.

In accordance with 45CSR30- Operating Permit Program, the permittee shall submit a certified emissions statement and pay fees on an annual basis in accordance with the submittal requirements of the Division of Air Quality. A receipt for the appropriate fee shall be maintained on the premises for which the receipt has been issued, and shall be made immediately available for inspection by the Secretary or his/her duly authorized representative.

Any person whose interest may be affected, including, but not necessarily limited to, the applicant and any person who participated in the public comment process, by a permit issued, modified or denied by the Secretary may appeal such action of the Secretary to the Air Quality Board pursuant to article one [§§22B-1-1 et seq.], Chapter 22B of the Code of West Virginia. West Virginia Code §§22-5-14.

Should you have any questions or comments, please contact me at (304) 926-0499, extension 1212.

Sincerely,

Thornton E. Martin Jr.
Permit Engineer

c: Michael Neely, P.E., Director of Engineering, michael.neely@mciwv.com
Nich Snyder, nicholas.snyder@mciwv.com

West Virginia Department of Environmental Protection

*Jim Justice
Governor*

Division of Air Quality

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**Class II General Permit
G40-C Registration to Construct**



for the
Prevention and Control of Air Pollution in regard to the
Construction, Modification, Relocation,
Administrative Update and Operation of
Nonmetallic Mineral Processing Plants

*The permittee identified at the facility listed below is authorized to
construct the stationary sources of air pollutants identified herein in accordance
with all terms and conditions of General Permit G40-C.*

G40-C089

Issued to:

**Mountaineer Contractors, Inc.
Monongalia and Berkeley County Portable Crush/Screening
777-00145**

A handwritten signature in blue ink, appearing to read "William F. Durham", is written over a horizontal line.

*William F. Durham
Director*

Effective: May 24, 2017

This Class II General Permit Registration will supercede and replace: Not Applicable

Facility Location: Site 1 - 40 Point Marion Road, District 4 - Monongalia County
Airport Road - Easton Elementary Upgrade
Morgantown, WV 26508
Site 2 - 911 Allensville Rd., District 5 - Berkeley County
LCS Services - Waste Management
Hedgesville, WV 25427
Mailing Address: PO Box 606, Kingwood, WV 26537
Facility Description: Nonmetallic Mineral Processing Plant
NAICS Codes: 212312
UTM Coordinates: Site 1 - Easting: 593.06126 km Northing: 4389.78021 km Zone: 17
Site 2 - Easting: 243.89377 km Northing: 4385.07017 km Zone: 17
Type: Construction

Subject to 40CFR60 Subpart OOO? Yes

Subject to 40CFR60 Subpart IIII? Yes

Subject to 40CFR60 Subpart JJJJ? No

Any person whose interest may be affected, including, but not necessarily limited to, the applicant and any person who participated in the public comment process, by a permit or registration issued, modified or denied by the Secretary may appeal such action of the Secretary to the Air Quality Board pursuant to article one [§§ 22B-1-1 et seq.], Chapter 22B of the Code of West Virginia. West Virginia Code §22-5-14.

As a result of this permit, the source is a nonmajor or area source subject to 45CSR30. Therefore, the facility is not subject to the permitting requirements of 45CSR30 and is classified as a deferred source.

Unless otherwise stated WVDEP DAQ did not determine whether the registrant is subject to an area source air toxics standard requiring Generally Achievable Control Technology (GACT) promulgated after January 1, 2007 pursuant to 40 CFR 63, including the area source air toxics provisions of 40 CFR 63, Subpart ZZZZ.

All registered facilities under Class II General Permit G40-C are subject to Sections 1.0, 1.1, 2.0, 3.0, and 4.0.

The following sections of Class II General Permit G40-C apply to the registrant:

Section 5	Nonmetallic Mineral Processing Operations	X
Section 6	Standards of Performance for Nonmetallic Mineral Processing Plants that Commenced Construction, Reconstruction or Modification after August 31, 1983 but before April 22, 2008 (40CFR60 Subpart OOO)	<input type="checkbox"/>
Section 7	Standards of Performance for Nonmetallic Mineral Processing Plants that Commenced Construction, Reconstruction or Modification on or after April 22, 2008. (40CFR60 Subpart OOO)	X
Section 8	Reciprocating Internal Combustion Engines (R.I.C.E.)	X
Section 9	Tanks	<input type="checkbox"/>
Section 10	Standards of Performance for Stationary Compression Ignition Internal Combustion Engines (40CFR60 Subpart IIII)	X
Section 11	Standards of Performance for Stationary Spark Ignition Internal Combustion Engines (40CFR60 Subpart JJJJ)	<input type="checkbox"/>

Emission Units

Equipment ID No.	Date of Manufacture	Description	Maximum Capacity		Control Equipment ¹
			TPH	TPY	
OS-1	2017	3,000 Ton Open Stockpile of Raw Material	----	288,000	SW-WS
CR-1	2008	Metso LT-106 Jaw Crusher - recieves raw material from stockpile OS-1, crushes then transfers processed rock onto belt conveyor BC-1	300	288,000	CS-FW
BC-1	2008	Belt Conveyor - receives raw material from the vibrating grizzly feeder and transfers to the Jaw Crusher CR-1	300	288,000	N

Equipment ID No.	Date of Manufacture	Description	Maximum Capacity		Control Equipment ¹
			TPH	TPY	
BC-2	2015	Belt Conveyor - receives processed rock from the screen feeder and transfers to the double deck screen	300	192,000	N
SC-1	2015	Double Deck Terex 883 Screen - receives processed rock from belt conveyor BC-1 and transfers sized material to either belt conveyor BC-3 or to belt conveyor BC-4	110	105,600	CS-FE
BC-3	2015	Belt Conveyor - receives sized rock from the screen and transfers to open stockpile OS-2	300	192,000	N
OS-2	2017	3,000 Ton Open Stockpile receives sized rock from belt conveyor BC-3	----	192,000	SW-WS
BC-4	2015	Belt Conveyor - receives sized rock from the screen and transfers to open stockpile OS-3	300	288,000	N
OS-3	2017	2,000 Ton Open Stockpile receives sized rock from belt conveyor BC-4	----	288,000	SW-WS
E-1	2008	Caterpillar C9 Diesel Engine, Tier 3 Certified	300 bhp/2,200 rpm		N
E-2	2008	Caterpillar C4.4 Diesel Engine, Tier 3 Certified	110 bhp/2,200 rpm		N

¹ CS-FW - Full Enclosure w/water spray; CS-FE - Full Enclosure; SW-WS - Water Sprays; N - None

Control Devices *(Not Applicable)*

Control Device ID	Source ID No.	Emission Unit Description	Month/Year Constructed, Reconstructed, or Modified

Reciprocating Internal Combustion Engines

Emission Unit ID	Emission Unit Description (Make, Model, Serial No.)	Year Installed	Design Capacity (Bhp/rpm)
E-1	2008 Caterpillar C9 Diesel Engine, Tier 3 Certified	2017	300 / 2,200
E-2	2008 Caterpillar C4.4 Diesel Engine, Tier 3 Certified	2017	110 / 2,200

Reciprocating Internal Combustion Engines (R.I.C.E.) Information

Emission Unit ID	Subject to 40CFR60 Subpart IIII?	Subject to 40CFR60 Subpart JJJJ?	Subject to Sections 8.1.4/8.2.1 (Catalytic Reduction Device)
E-1	Yes	No	No
E-2	Yes	No	No

Emission Limitations

Emission Source	Maximum Controlled Hourly Emissions (lb/hr)	Maximum Controlled Annual Emissions (tons/year)
FUGITIVE EMISSIONS		
Stockpiles	0.05	0.22
Unpaved Haulroads	0.00	0.00
Paved Haulroads	0.00	0.00
Total Fugitive Emissions	0.05	0.22
POINT SOURCE EMISSIONS		
Equipment Emissions	0.61	0.29
Transfer Point Emissions	2.97	1.43
Total Point Source Emissions	3.58	1.72
TOTAL FACILITY EMISSIONS		
Total Facility Emissions	3.63	1.94

Engines

Source ID	Emission Source	Pollutant	Maximum Hourly Emissions (lb/hr)	Maximum Annual Emissions (tpy)
E-1	Caterpillar C9 Diesel Engine	Nitrogen Oxides	1.16	0.56
		Carbon Monoxide	1.33	0.64
		Particulate Matter	0.09	0.04
		Volatile Organic Compounds	0.40	0.19
		Formaldehyde	N/A	N/A
E-2	Caterpillar C4.4 Diesel Engine	Nitrogen Oxides	0.54	0.26
		Carbon Monoxide	0.49	0.23
		Particulate Matter	0.33	0.16
		Volatile Organic Compounds	0.18	0.09
		Formaldehyde	N/A	N/A